



P.B.5916 - Patentaan 2  
2260 HV Rijswijk (ZH)  
☎ +31 70 340 2040  
TX 31051 epo.nl  
FAX +31 70 340 3016

Europäisches  
Patentamt

Zweigstelle  
in Den Haag  
Recherchen-  
abteilung

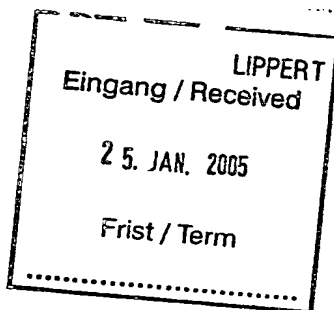
European  
Patent Office

Branch at  
The Hague  
Search  
division

Office européen  
des brevets

Département à  
La Haye  
Division de la  
recherche

Lippert, Marianne  
Jung HML  
Patentanwälte  
Emil-Claar-Strasse 20  
60322 Frankfurt am Main  
ALLEMAGNE



Datum/Date  
25.01.05

Zeichen/Ref./Réf. 1439 EP	Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°. 04020949.6-2206-
Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire Rockwell Automation Technologies, Inc.	

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

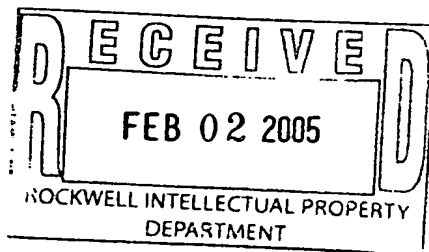
The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: 1



## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	SCHIFFER V ET AL: "Introduction to DeviceNet safety" FACTORY COMMUNICATION SYSTEMS, 2000. PROCEEDINGS. 2000 IEEE INTERNATIONAL WORKSHOP ON PORTO, PORTUGAL 6-8 SEPT. 2000, PISCATAWAY, NJ, USA, IEEE, US, 6 September 2000 (2000-09-06), pages 293-300, XP010521822 ISBN: 0-7803-6500-3	1,23-26	G05B9/03
Y	* page 293, column 2, line 20 - page 298, column 2, line 29; figures 1-16 *	2-22, 27-31	
Y	US 2003/051203 A1 (VASKO DAVID A ET AL) 13 March 2003 (2003-03-13) * page 1, paragraphs 9,10; figures 1-6,9,10,17,18,20-23 * * page 2, paragraph 35 - page 9, paragraph 123 *	2-22, 27-31	
A	EP 0 621 521 A (CSEE TRANSPORT) 26 October 1994 (1994-10-26) * abstract *	1,20,22, 23,31	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
A	MARSZAL E ET AL INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "High reliability computing for control and safety" PROCEEDINGS OF THE 2001 PARTICLE ACCELERATOR CONFERENCE. PAC 2001. CHICAGO, IL, JUNE 18 - 22, 2001, PARTICLE ACCELERATOR CONFERENCE, NEW YORK, NY : IEEE, US, vol. VOL. 1 OF 5, 18 June 2001 (2001-06-18), pages 279-282, XP010582415 ISBN: 0-7803-7191-7 * the whole document *	1,20,22, 23,31	G05B G06F H04L
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 17 January 2005	Examiner Brosa Gonzalez, A
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

3  
EPO FORM 1503 03 82 (P04C01)



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	DE 36 33 953 A (SIEMENS AG) 7 April 1988 (1988-04-07) * abstract * -----	1,20,22, 23,31	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 17 January 2005	Examiner Brosa Gonzalez, A
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 02 0949

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

17-01-2005

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2003051203	A1	13-03-2003	WO	03023561 A2	20-03-2003
EP 0621521	A	26-10-1994	FR	2704329 A1	28-10-1994
			AT	164690 T	15-04-1998
			AU	670679 B2	25-07-1996
			AU	6061594 A	27-10-1994
			CA	2121714 A1	22-10-1994
			CN	1098803 A , B	15-02-1995
			CZ	9400957 A3	16-11-1994
			DE	69409283 D1	07-05-1998
			DE	69409283 T2	05-11-1998
			DK	621521 T3	01-02-1999
			EP	0621521 A2	26-10-1994
			ES	2117222 T3	01-08-1998
			FI	941683 A	22-10-1994
			HK	1008153 A1	30-04-1999
			HU	66396 A2	28-11-1994
			JP	7117671 A	09-05-1995
			NO	941431 A	24-10-1994
			PL	174598 B1	31-08-1998
			RO	113771 B1	30-10-1998
			SI	621521 T1	31-08-1998
			SK	45994 A3	09-11-1994
			US	5794167 A	11-08-1998
			ZA	9402761 A	09-01-1995
DE 3633953	A	07-04-1988	DE	3633953 A1	07-04-1988